

CLAIMS

1. A pancreas-specific gene which comprises a base sequence coding for a protein having the amino acid sequence shown under SEQ ID NO:1.

5           2. A gene as claimed in Claim 1 which is a human gene.

3. A gene as claimed in Claim 1 which is defined by the base sequence shown under SEQ ID NO:2.

10           4. A gene as claimed in Claim 3 which is a human gene.

5. A pancreas-specific gene which is either of the polynucleotides defined below under (a) and (b):

(a) a polynucleotide containing the whole or part of the nucleotide sequence shown under SEQ ID NO:2;

15           (b) a polynucleotide capable of hybridizing with a DNA having the nucleotide sequence shown under SEQ ID NO:2 under stringent conditions.

6. A gene as claimed in Claim 5 which is a human gene.

20           7. A gene as claimed in Claim 5 which is a DNA fragment usable as a specific probe or specific primer in detecting the pancreas-specific gene defined in Claim 1.

8. A pancreas-specific protein having the amino acid sequence shown under SEQ ID NO:1.

25           9. An antibody capable of binding to the pancreas-

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specific protein defined in Claim 8.